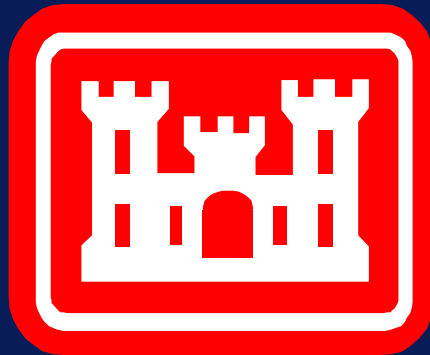


Geospatial Metadata Overview



Nancy Blyler

U.S. ARMY CORPS OF ENGINEERS

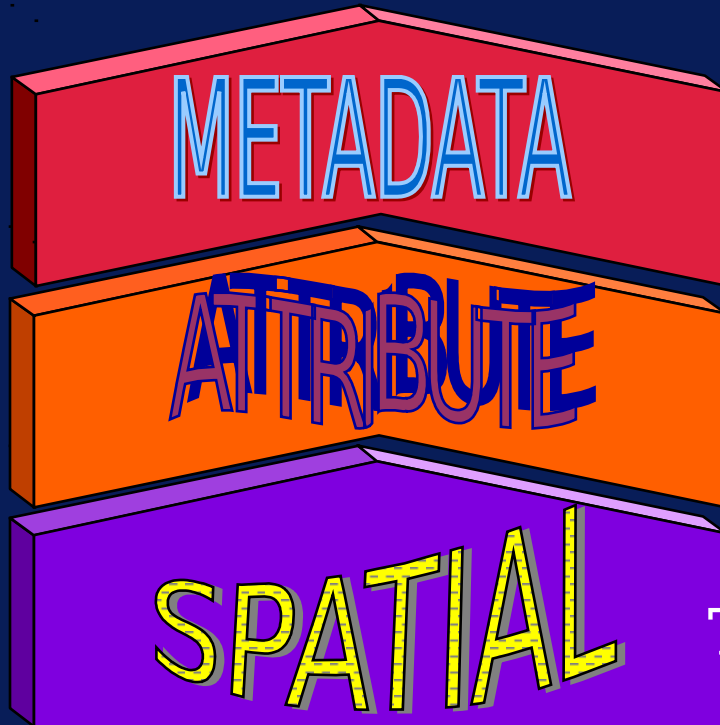
CECW-EP-S

nancy.j.blyler@usace.army.mil



US Army Corps
of Engineers

Geospatial Data Components



**How good is this Data
and Information?**

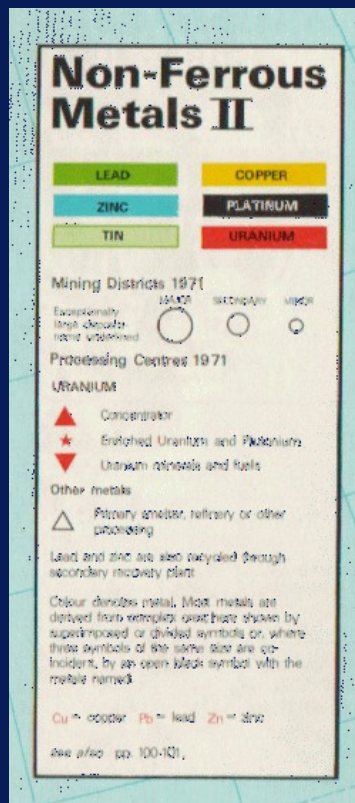
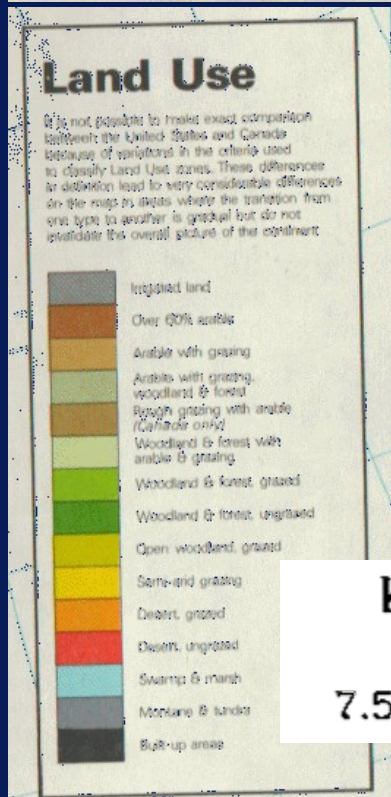
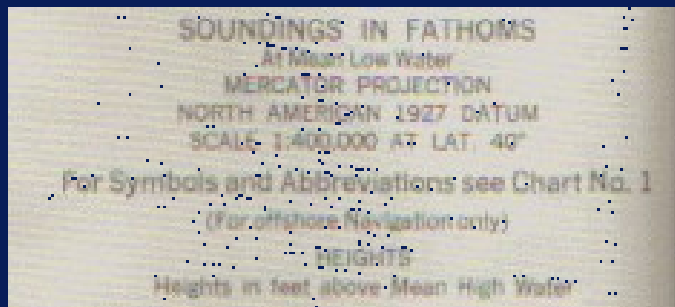
**Information Associated
with Graphics**

This is the “G” is geospatial



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METADATA



AGRICULTURAL MAPS pp. 78-85

Authorities: Prof. J. C. Sherman, University of Washington; Prof. J. D. Chapman, University of British Columbia.

Sources: United States Department of Agriculture; various statistics.

United States Bureau of the Census: Cotton Production in the United States—Crop of 1963.

Dominion Bureau of Statistics: various statistics.

Prof. G. F. Jenks: Livestock and Livestock Products Sold in the United States, 1959 (map).

Pineapple Growers' Association: Pineapple Fact Book, Hawaii, 1965; MSS data.

Department of the Treasury, Bureau of Alcohol, Tobacco and Firearms, ATF PB23.1(4-74): Alcohol, Tobacco and Firearms, Summary Statistics, 1973.

Statistics Canada: Tobacco and Tobacco Products Statistics, 1973.

National Atlas of the United States, 1955.

Atlas of Canada, 1957.

Issues

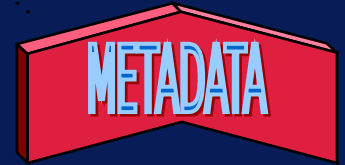
- Types
- Resolution
- Cultural

KENSINGTON QUADRANGLE
MARYLAND—MONTGOMERY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



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Types of Metadata



**Federal Geographic Data Committee (FGDC)
Metadata - Complete documentation of data set
to enable the data to be used. *Content Standard
for Digital Geospatial Metadata (version 2.0)*
FGDC-STD-001-1998**

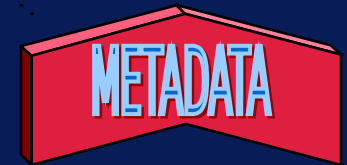
**Management Metadata - Catalog of where things
are kept**

**Feature Level Metadata - Date/Source information
about an individual feature or object. Enables
data sets to be merged.**



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FGDC Metadata - WHY ???



Provides detailed documentation of a geospatial data set allowing the data to be used and reused.

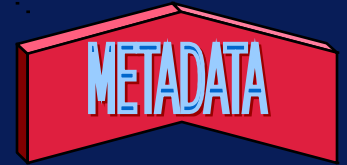
Identification_Information:
Citation:
Citation_Information:
Origin: New Orleans District, Army Corps of Engineers
Publication: 2002
Title: Aerial Photography of the Lake and Bayou Area
Editor: New Orleans District, Army Corps of Engineers
Geographic_Information_Representation:
Publication_Information:
Publication_Place: New Orleans, Louisiana
Publisher: New Orleans District, Army Corps of Engineers
Online_Link: <http://www.lm.mil/eng/air.htm>
Description:
Abstract: The New Orleans District maintains an extensive aerial photography collection in both negative format, as well as, scanned digital photo files. The purpose of this photography in the course of performing our missions of Flood Damage Prevention, Investigation, Environmental Engineering, and support of the Army and

Executive Order 12906



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Resolution of FGDC Metadata



**How many metadata files do I
need to create for my data?**

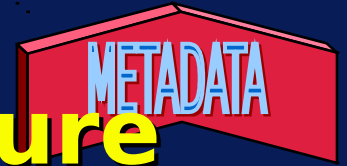


It Depends on the data set!!



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FGDC Metadata - Culture



- **You want me to do what? I never had to do that before!**
 - **We don't have cartography branches any more .. Everyone is developing this data .. So, it is everyone's responsibility.**
- **What if I get data that doesn't have metadata? I don't have to do metadata for that .. Do I?**
 - **How valuable is the Data to you?**
- **Can I contract this out!!**
 - **Yes and we have procurement language.**
[Http://gis.usace.army.mil](http://gis.usace.army.mil)



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[Http://corpsgeo1.usace.army.mil](http://corpsgeo1.usace.army.mil)



Welcome to the US Army Corps of Engineers

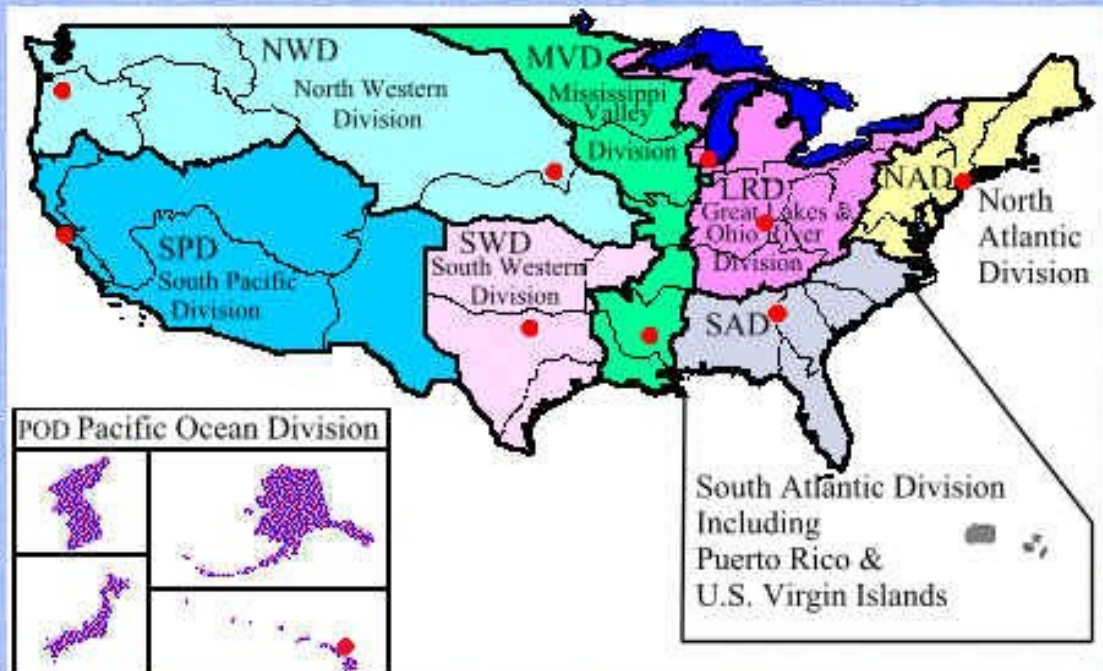
Geospatial Data Clearinghouse Node

cate
etadata

corps
ational
ata Sets

ownload
etadata
oftware

ow to
ubmit
etadata
nd Data



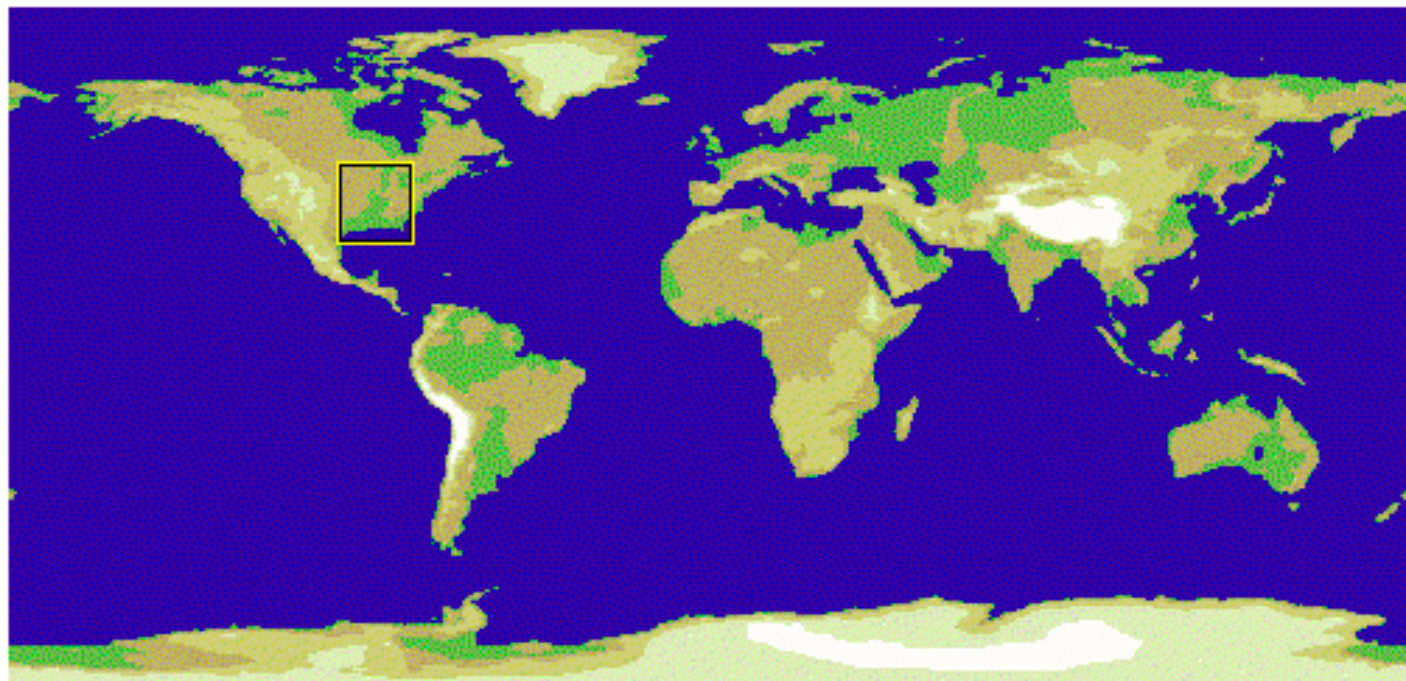
clearinghouse *search*

Define the Geographic Area of Interest

[Help](#)

Clear

Cylindric (Atlantic)



Search by Field

[Help](#)

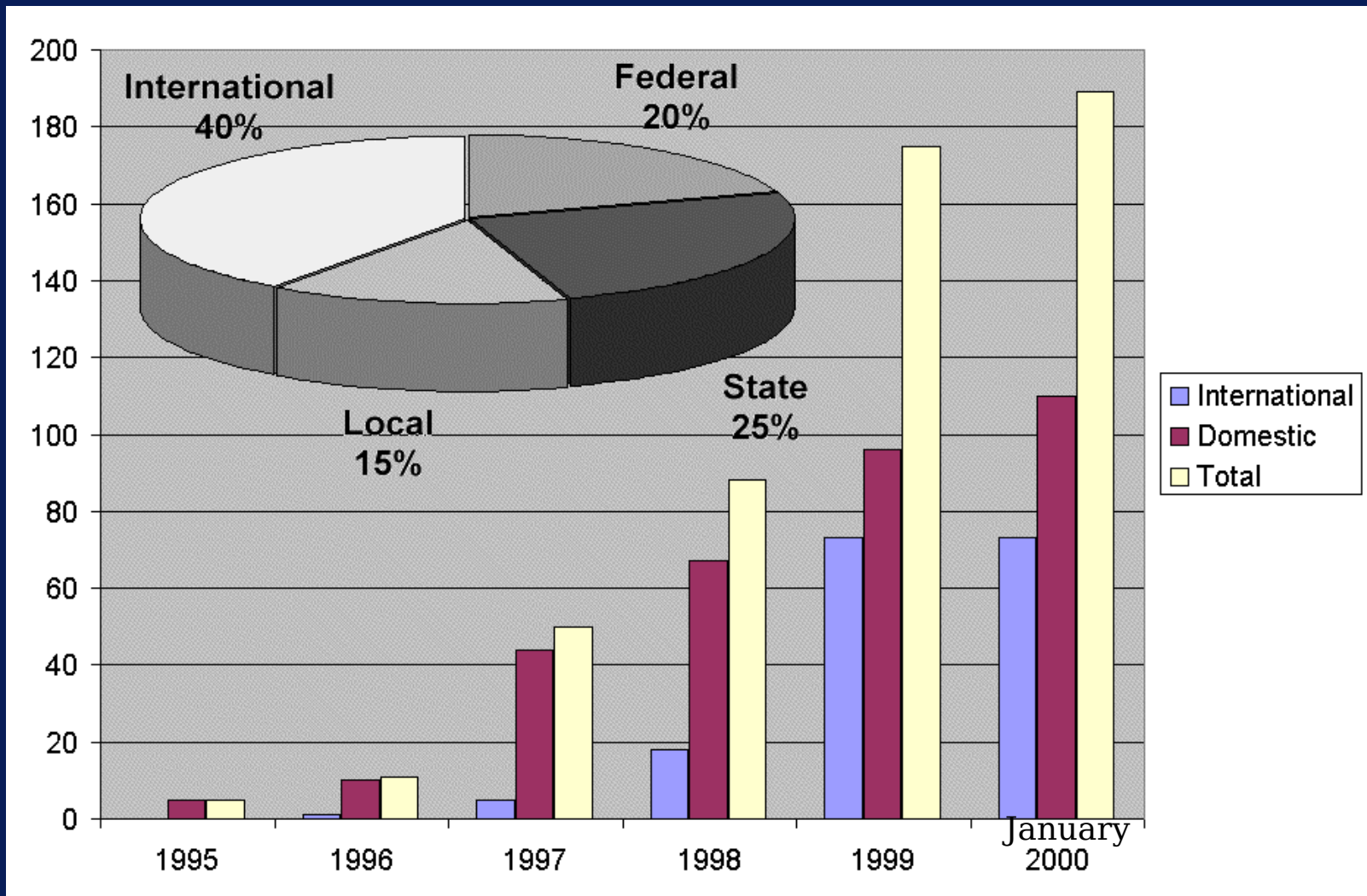
Search for the word:

anywhere in the metadata



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NSDI Clearinghouse Growth 1995 - 2000





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Where Can I Get Help??

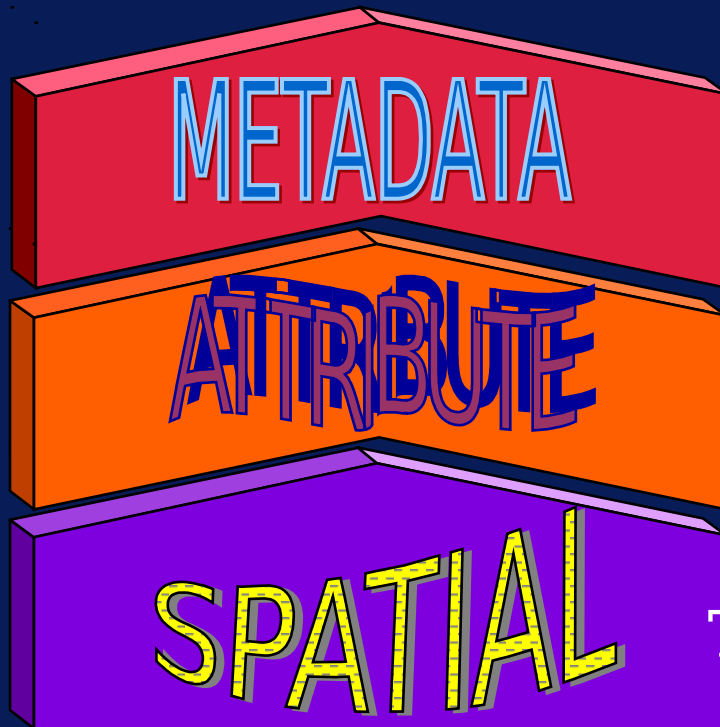
METADATA

- **FGDC Web site .. <http://www.fgdc.gov>**
 - **Examples by data type**
 - **Independent Evaluation of Tools**
- **Corpsgeo1 ...**
<http://corpsgeo1.usace.army.mil>
 - **Corpsmet Software**
 - **Detailed Instruction on how to get data to Corpsgeo1**



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Geospatial Data Components



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